

-- select

select * from Customers

select ContactName, CompanyName, City from Customers

select ContactName Adi, CompanyName SirketAdi, City Sehir from Customers

select * from customers where City = 'London'

select * from customers where City = 'Berlin'

-- Where

select * from Products where categoryId = 1

select * from Products where categoryId = 1 or categoryId = 3

select * from Products where categoryId = 1 and UnitPrice >= 10

-- Order By

select * from Products order by ProductName

select * from Products order by CategoryId

select * from Products order by CategoryId, ProductName

select * from Products order by UnitPrice --Ascending (ASC) --Descending(DESC)

select * from Products order by CategoryId = 1 order by UnitPrice desc

-- Group By

select count(*) from Products

select count(*) from Products where CategoryId = 2

select CategoryId from Products group by CategoryId

select CategoryId, count(*) from Products group by CategoryId

-- Having

select CategoryId, count(*) from Products group by CategoryId having count(*) < 10

select CategoryId, count(*) from Products where UnitPrice > 20 group by CategoryId having count(*) < 10

-- inner join/on

```
select * from Products inner join Categories
```

```
on Products.CategoryId = Categories.ProductId
```

```
select Products.product_id, Products.product_name, Products.unit_price,  
Categories.category_name
```

```
from Products inner join Categories on Products.CategoryId = Categories.ProductId
```

```
select Products.product_id, Products.product_name, Products.unit_price,  
Categories.category_name
```

```
from Products inner join Categories on Products.CategoryId = Categories.ProductId
```

```
where Products.unit_price>10
```

--DTO Data Transformation Object

```
select * from Products p inner join [Order Details] od on
```

```
p.ProductId = od.ProductId
```

--left join

```
select * from Products p left join [Order Details] od on
```

```
p.ProductId = od.ProductId
```

```
select * from Products p inner join [Order Details] od on
```

```
p.ProductId = od.ProductId
```

```
inner join Orders o on o.ProductId = od.ProductId
```

```
select * from Customers c left join Orders o on
```

```
c.CustomerId = o.CustomerId
```

-- is null

```
select * from Customers c left join Orders o on
```

```
c.CustomerId = o.CustomerId
```

where o.CustomerId is null

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